

Appl. No. 10/541,330
Response Dated January 9, 2008
Reply to Office Action of October 9, 2007

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Amendments Claims

This listing will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

Claim 1 (Previously presented): A process for preparing an aqueous dispersion which comprises subjecting (meth)acrylate containing a polyfluoroalkyl group and a polymerizable monomer free of fluorine atoms to an emulsification treatment in the presence of water, a nonionic surfactant comprising a condensation product of polyethylene oxide ($n= 10-90$) and octyl phenol or nonyl phenol and a cationic surfactant, and a polypropyleneglycol-based compound having a molecular weight of 250 to 5,000, followed by copolymerization reaction in the presence of a polymerization initiator.

Claim 2 (Previously presented): A process for preparing an aqueous dispersion according to Claim 1, wherein the (meth)acrylate containing a polyfluoroalkyl group is present in a proportion of at least 10 wt. % on the basis of the resulting copolymer.

Claim 3 (Original): A process for preparing an aqueous dispersion according to Claim 1, wherein the (meth)acrylate containing a polyfluoroalkyl group is a (meth)acrylate containing mixed

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perfluoroalkyl groups including perfluoroalkyl groups having 12 or more carbon atoms as a polyfluoroalkyl group.

Claim 4 (Previously presented): A process for preparing an aqueous dispersion according to Claim 1, wherein the polymerizable monomer free of fluorine atoms comprises at least one of (meth)acrylic acid ester, dialkyl ester or vinyl ester of fumaric acid or maleic acid and vinyl ester.

Claim 5 (Previously presented): A process for preparing an aqueous dispersion according to Claim 4, wherein the (meth)acrylic acid ester comprises at least one of lauryl acrylate, stearyl (meth)acrylate, cyclohexyl methacrylate and benzyl methacrylate.

Claim 6 (Previously presented): A process for preparing an aqueous dispersion according to Claim 5, wherein the (meth)acrylic acid ester comprises stearyl acrylate.

Claim 7 (Canceled):

Claim 8 (Previously presented): A process for preparing an aqueous dispersion according to Claim 1, wherein the polypropyleneglycol-based compound comprises at least one of polypropyleneglycol, its terminal monomethyl ether and glycerin · polypropyleneglycol adduct.

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Claim 9 (Original): A process for preparing an aqueous dispersion according to Claim 1, wherein a polymerizable monomer containing a cross-linkable group is further copolymerized.

Claim 10 (Previously presented): A process for preparing an aqueous dispersion according to Claim 9, wherein the polymerizable monomer having a cross-linkable group is comprises at least one of acrylamide, its derivatives, and glycidyl (meth)acrylate.

Claims 11 - 14 (Canceled)

Claim 15 (Previously presented): A process for preparing an aqueous dispersion according to Claim 6, wherein the stearyl acrylate is used in combination with at least one of cyclohexyl methacrylate or benzyl methacrylate.